

from Michelle

## GENOMIC PREP or PLASMID RESCUE

Need:

Buffer:

TE\* [ 50mM tris pH 7.5  
10mM EDTA  
0.3% BME ← Add 30x to 10ml TE\*, make fresh

5 mg/ml zymo in tris-EDTA-BME buffer

10% SDS

7.5M NH<sub>4</sub>OAc

Isopropyl alcohol

70% EtOH

1xTE or RNase diluted in dH<sub>2</sub>O

→ grab zymo powder w/ p1000  
Pipet + tip + dissolve in 1ml TE\* + BME

1. Grow 1ml culture, small pellet after spin down
2. Shake off sup
3. Resuspend in 1ml dH<sub>2</sub>O
4. Spin, shake off s/n
5. Resuspend in 1ml of Tris-EDTA-bME buffer
6. Spin, shake off s/n
7. Resuspend in remaining liquid
8. Add 25 ~~uL~~ of 5mg/ml zymo in buffer → zymo lase (in 40C)
9. Incubate on shaker at 30C for 1 hr → patch
10. Add 25 uL of 10% SDS
11. Mix and sit 1 min
12. Add 100uL 7.5M NH<sub>4</sub>OAc
13. Mix gently
14. Freeze -80C for 15 min
15. Spin 15 min at max
16. Transfer s/n to new eppendorf (-100ul)
17. Add 70uL isopropyl-alcohol
18. Mix at RT for 10-15 min
19. Spin max for 15 min
20. shake off s/n
21. Add 1 ml 70% EtOH
22. Mix, spin for 5 min
23. Shake off s/n, vacufuge
24. Elute in 1xTE or Rnase diluted dH<sub>2</sub>O

50x

20ul 10mg/ml  
into 1ml H<sub>2</sub>O → RNase  
(-20°C freezer  
by Laurie,  
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